



Attorney Docket No. SPO-593
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 1773
MIHARU; SUZUKI) Examiner: Chen, Vivian
Serial No. 09/806,305)
Filed: March 29, 2001)

For: **LAMINATED FILM AND METHOD OF PRODUCING THE SAME**

Appendix A

Please amend the claims according to the proposed revision to 37 C.F.R. §1.121 concerning a manner for making claim amendments.

Claims 1-5 (Cancelled)


6. (Currently Amended) A method of producing a laminated film by extrusion-laminating, comprising the step of:
extrusion-laminating on the surface of a polyester film of which the surface is oxidized and has a surface wet tension of not smaller than 45 dyns/cm, (1) an extrusion-lamination resin: an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or a mixture resin composition thereof with an ethylene/unsaturated carboxylic acid copolymer and/or an

ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of said extrusion-laminated resin components, or an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer, or (2) an extrusion-lamination resin: a mixture resin comprising:

(a) 100 parts by weight of the mixture resin component of an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or the mixture resin composition of said ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of the extrusion-laminated resin components, and

(b) not more than 30 parts by weight of an ethylene/ α -olefin copolymer resin having a density of 840 to 900 kg/m³, at a resin temperature of from 280 to 340 °C.

7. (Original) A method of producing a laminated film according to claim 6, wherein said extrusion-lamination resin is extrusion sandwich-laminated between said polyester film and another polar base member.

 Claim 8-11 (Cancelled)

12. (New) A method of producing a laminated film by extrusion-laminating, comprising the step of:

extrusion-laminating on the surface of a polyester film, an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer or a mixture resin composition thereof with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the unsaturated carboxylic acid component being from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of said extrusion-laminated resin components, at a resin temperature of from 280 to 340° C.

13. (New) A method of producing a laminated film by extrusion-laminating, comprising the step of:


extrusion-laminating onto at least one surface of a polyester film, a mixture resin comprising:

(a) 100 parts by weight of the mixture resin component of an ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer, or the mixture resin composition of said ethylene/unsaturated carboxylic acid/(meth)acrylic acid ester copolymer with an ethylene/unsaturated carboxylic acid copolymer and/or an ethylene/(meth)acrylic acid ester copolymer, the amount of the carboxylic component being from 1 to 12% by weight and the amount of the (meth)acrylic acid ester component being from 2 to 25% by weight with respect to the total amount of said extrusion-laminated resin components

(b) not more than 30 parts (excluding 0) by weight of an ethylene/ α -olefin copolymer resin having a density of from 840 to 900 kg/m³, at a resin temperature of from 280 to 340° C.

14. (New) The method of claim 12, wherein the carboxylic acid group of the unsaturated carboxylic acid group in said mixture resin composition is partly ionized with an alkali metal or an alkaline earth metal within a range in which the ionization degree is not larger than 20%.

15. (New) The method of claim 13, wherein the carboxylic acid group of the unsaturated carboxylic acid group in said mixture resin composition is partly ionized with an alkali metal or an alkaline earth metal within a range in which the ionization degree is not larger than 20%.

 16. (New) The method of claim 12, wherein another polar base member is laminated on the polyester film via the extrusion-laminated resin.

17. (New) The method of claim 13, wherein another polar base member is laminated on the polyester film via the extrusion-laminated resin.

18. (New) The method of claim 16, wherein the polar base member is selected from the group consisting of an aluminum foil, an aluminum-deposited polyester film, an aluminum-deposited polypropylene film, a silica-deposited polyester film, alumina-deposited polyester film, a polyamide film, an ethylene/vinyl alcohol copolymer film and a paper.

19. (New) The method of claim 17, wherein the polar base member is selected from the group consisting of an aluminum foil, an aluminum-deposited polyester film, an aluminum-deposited polypropylene film, a silica-deposited polyester film, alumina-deposited polyester film, a polyamide film, an ethylene/vinyl alcohol copolymer film and a paper.
